

Title (en)

Method and system for adaptive peak to average power ratio reduction in OFDM communication networks

Title (de)

Verfahren und System zur adaptiven Spitzen- und Durchschnittsleistungsverringerung in OFDM-Kommunikationsnetzwerken

Title (fr)

Procédé et système pour la réduction adaptative du rapport de crête sur valeur de puissance moyenne dans des réseaux de communication OFDM

Publication

EP 2541860 B1 20150311 (EN)

Application

EP 12185592 A 20081003

Priority

- EP 08800422 A 20081003
- US 97740307 P 20071004

Abstract (en)

[origin: US2009092195A1] A method and system adaptively reduce a peak-to-average power ratio in a communication system. Energy is clipped from at least one peak of a modulated signal. The modulated signal includes a plurality of sub-carriers. At least one data sub-carrier is adaptively selected for peak-to-average power ratio reduction use based on known scheduling information. The clipped energy is distributed among at least one data sub-carrier.

IPC 8 full level

H04L 27/26 (2006.01)

CPC (source: BR EP KR US)

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